CREDIT SUISSE CODING CHALLENGE 2012-2013

Prototype for:

STUDENTS'

HUB

(Student Dashboard Project)

Deep Shah – 101080043
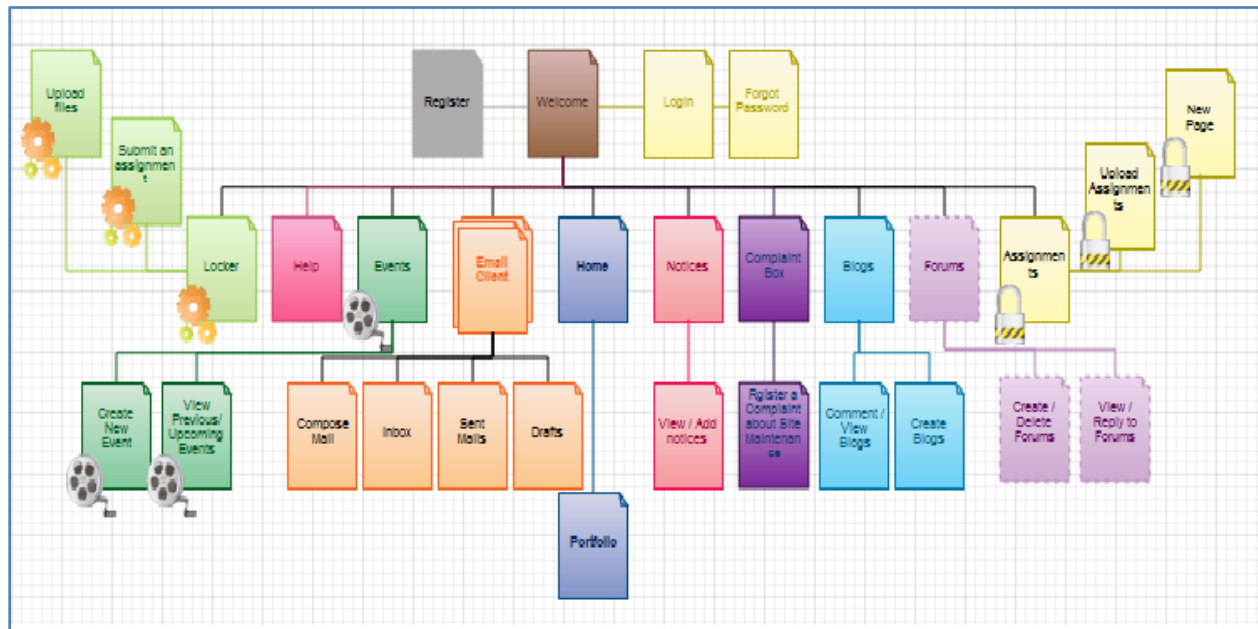Dharmendra Hingu – 101080046
Veermata Jijabai Technological Institute

Functionalities covered:

- **User sign up:** One time registration process for each user
- **User log in:** Authentication required to use the system
- **User HUB:** Dashboard where the user can view all the details
- **Events and Forums:** View, add and participate in student activities, events, notices, forums and discussion
- **Locker:** A file and document manager where users can store all personal documents
- **Email client:** Facility to send, receive emails and save drafts
- **Blogging:** Users can write have their own blogs where they can post articles written by them
- **Academics:** Publish assignments questions and results
- **Assignments:** Submit assignments online
- **Email notifications:** Users will be notified about any events, comments on blogs, and results
- **Privacy:** Users will be grouped so all the information cannot be accessed by everyone, but only a set of users
- **Complaint box:** Users can report complaints to the admins who will take the appropriate actions
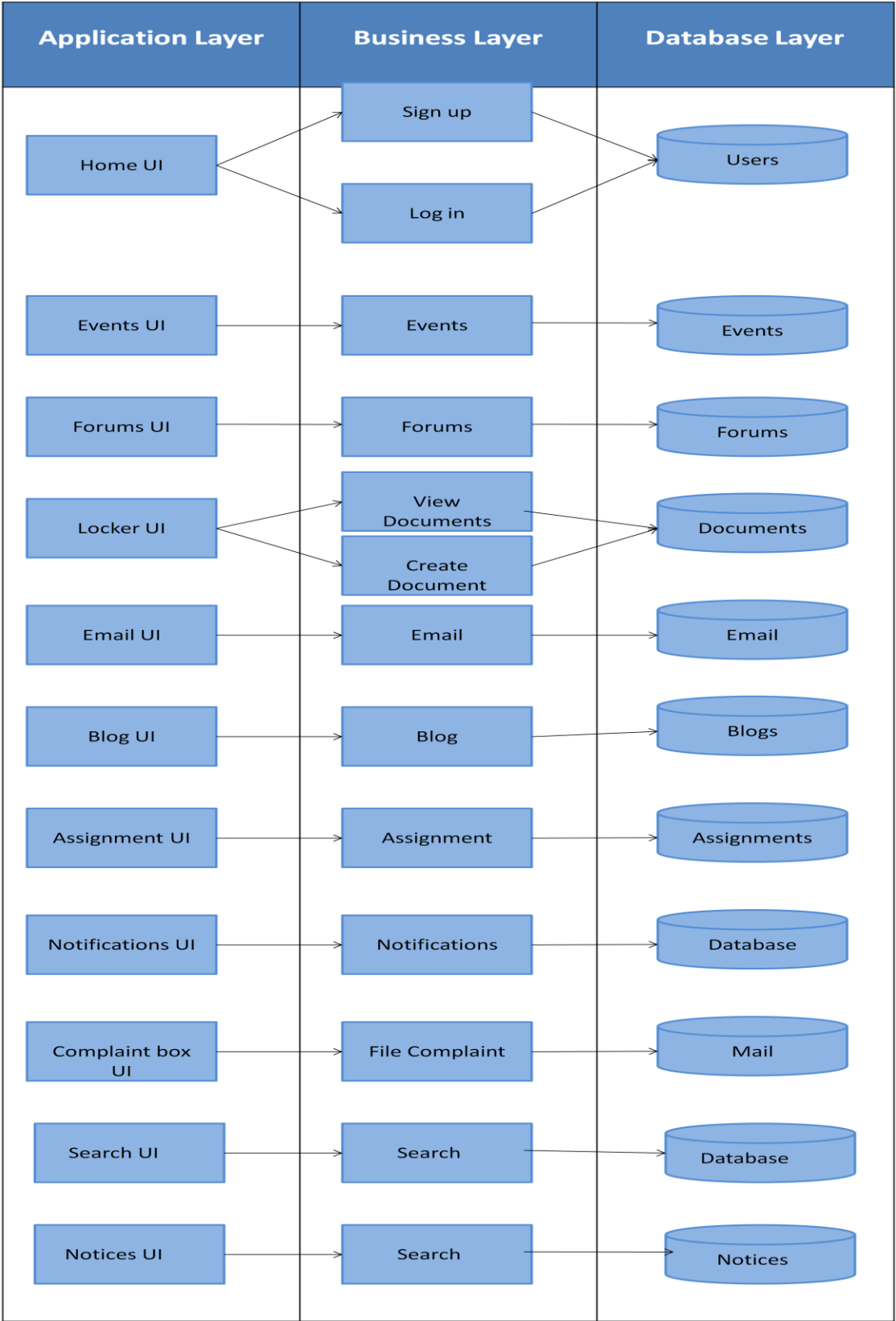
Database Schema:

hub.users
- id : bigint(9)
- name : varchar(30)
- email : varchar(30)
- hubmail : varchar(17)
- password : varchar(32)
- mobile : bigint(10)
- year : int(4)
- department : varchar(10)
- type : varchar(1)

hub.events
- id : int(5)
- postid : int(16)
- name : varchar(100)
- creator : int(9)
- date : date
- description : varchar(255)

hub.notices
- content : text
- type : char(1)
- date : date

hub.access
- postid : int(16)
- owner : int(9)
- level : int(1)

hub.assignments
- id : int(5)
- name : varchar(100)
- teacher : varchar(30)
- date : date
- path : varchar(255)
- year : int(11)
- department : varchar(10)

hub.blogs
- id : int(9)
- filename : varchar(255)
- name : varchar(100)

hub.forum_question
- id : int(4)
- topic : varchar(255)
- detail : longtext
- name : varchar(65)
- email : varchar(65)
- datetime : varchar(25)
- view : int(4)
- reply : int(4)

hub.forum_question_fes
- id : int(4)
- topic : varchar(255)
- detail : longtext
- name : varchar(65)
- email : varchar(65)
- datetime : varchar(25)
- view : int(4)
- reply : int(4)

hub.forum_answer_soc
- question_id : int(4)
- a_id : int(4)
- a_name : varchar(65)
- a_email : varchar(65)
- a_answer : longtext
- a_datetime : varchar(25)

hub.forum_question_dept
- id : int(4)
- topic : varchar(255)
- detail : longtext
- name : varchar(65)
- email : varchar(65)
- datetime : varchar(25)
- view : int(4)
- reply : int(4)
- dept : varchar(10)

hub.forum_question_soc
- id : int(4)
- topic : varchar(255)
- detail : longtext
- name : varchar(65)
- email : varchar(65)
- datetime : varchar(25)
- view : int(4)
- reply : int(4)

hub.forum_answer
- question_id : int(4)
- cat : char(1)
- a_id : int(4)
- a_name : varchar(65)
- a_email : varchar(65)
- a_answer : longtext
- a_datetime : varchar(25)

hub.forum_answer_fes
- question_id : int(4)
- a_id : int(4)
- a_name : varchar(65)
- a_email : varchar(65)
- a_answer : longtext
- a_datetime : varchar(25)

hub.forum_answer_dept
- question_id : int(4)
- a_id : int(4)
- a_name : varchar(65)
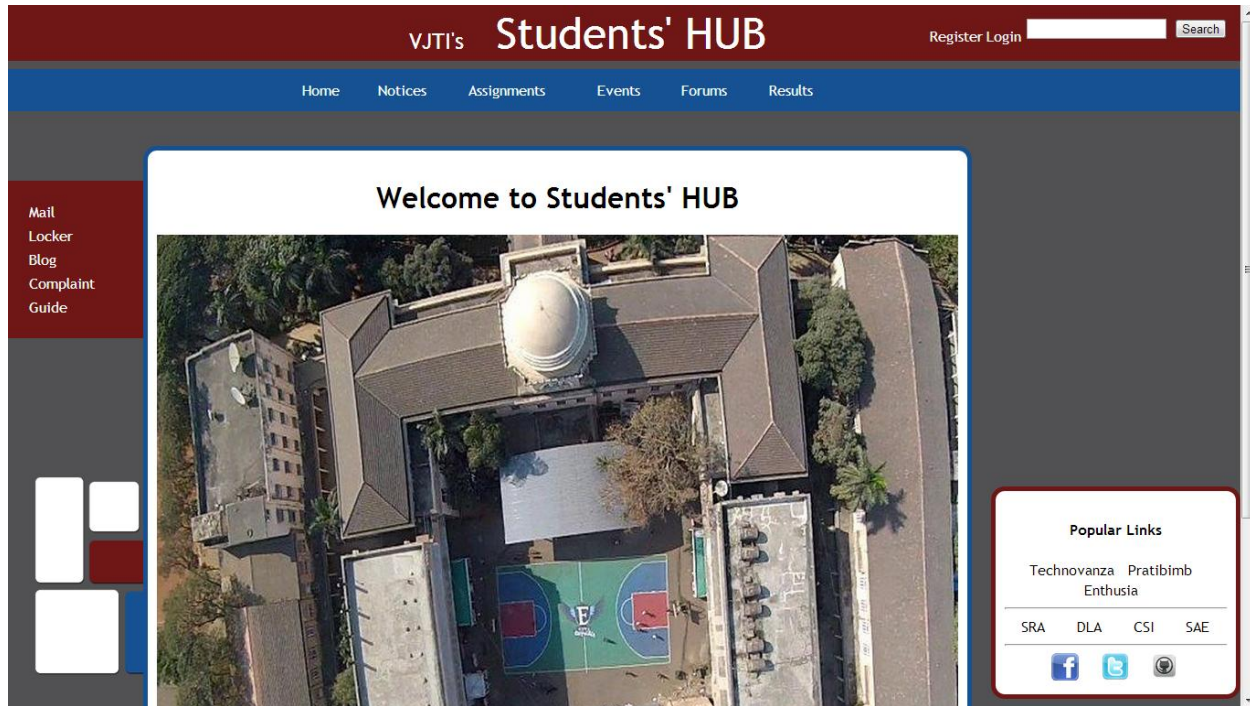- a_email : varchar(65)
- a_answer : longtext
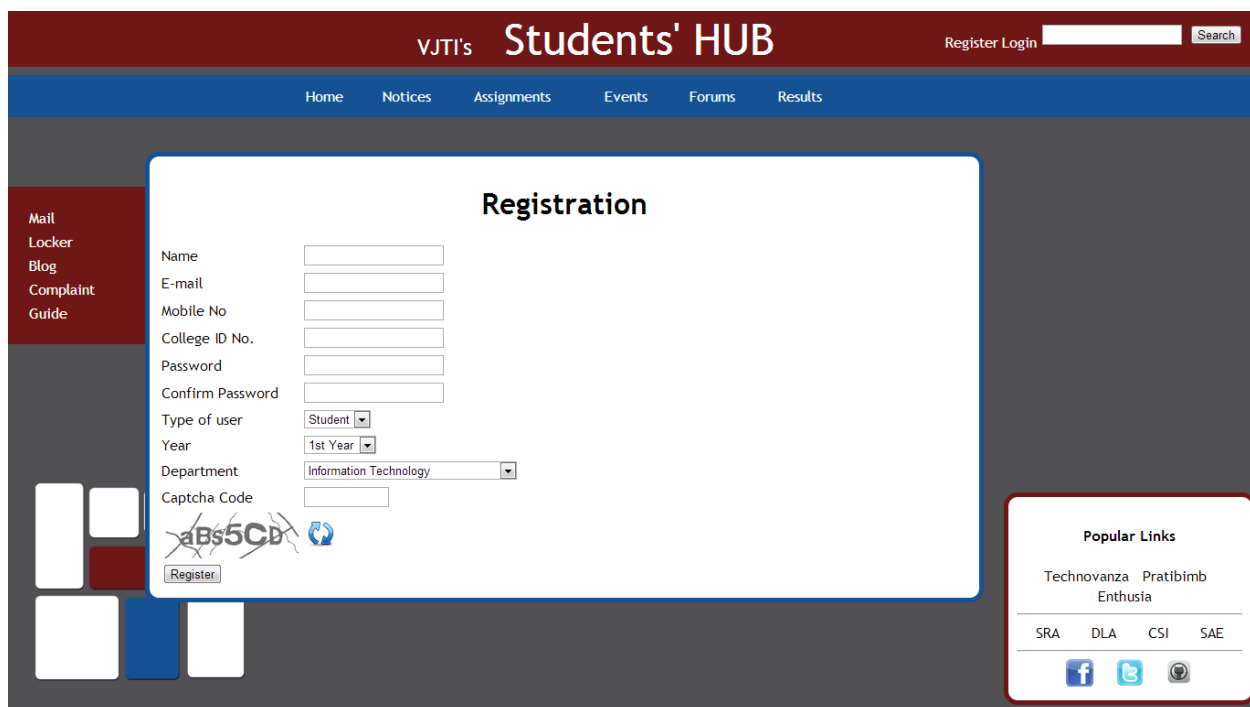- a_datetime : varchar(25)

Relation between Webpages (Navigation Chart):

Architecture Diagram

Application Layer	Business Layer	Database Layer
Home UI	Sign up	Users
	Log in	
Events UI	Events	Events
Forums UI	Forums	Forums
Locker UI	View Documents	Documents
	Create Document	
Email UI	Email	Email
Blog UI	Blog	Blogs
Assignment UI	Assignment	Assignments
Notifications UI	Notifications	Database
Complaint box UI	File Complaint	Mail
Search UI	Search	Database
Notices UI	Search	Notices

Screenshots:

Welcome Page

Registration

Home   Notices   Assignments   Events   Forums   Results

Profile

- Veermata Jijabai Technological Institute
- IT Department
- Year 1
- 101080043
- Deep Shah
- deepshah@live.com
- 101080043@hub.com
- 9967937424
- Change Password

Mail
Locker
Blog
Complaint
Guide

Locker

Filename

1
AndroidWorkshopSchedule Final
argument3
essay_section_1_question_2
issue

Notifications

- General Forum - Combined IV
- Departmental Forum - Python Examination
- Societies Forum - Wall E Workshop
- Festivals Forum - Senate Elections
- Exams - MSTS from 11th March
- Results - Results of odd semester have been uploaded.

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Enthusia

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Home

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Notices

Exams	Results
-- MSTS from 11th March --	-- Results of odd semester have been uploaded. --
[ ] [Add]	[ ] [Add]
Public Holidays	**Other Notices**
-- 4th March will be a holiday. --	-- Enthusia has ended. --
[ ] [Add]	[ ] [Add]

Mail
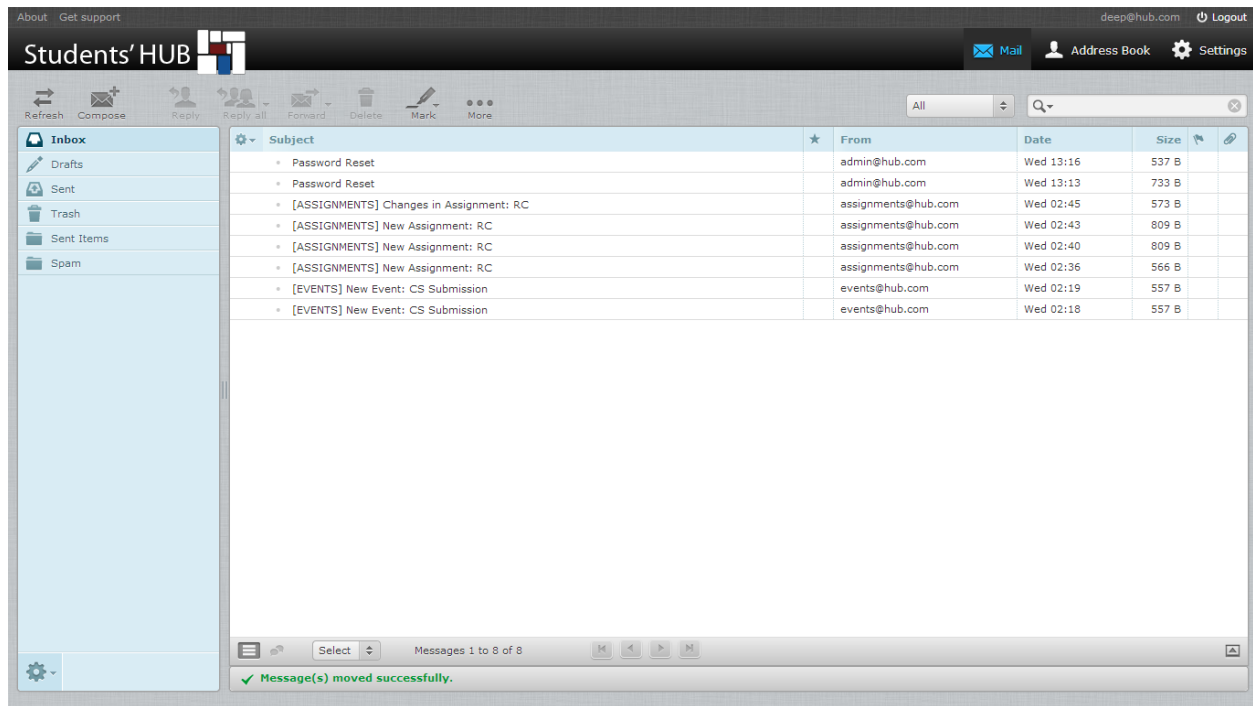Locker
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Complaint
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Assignments

Assignment **Date Due** **Remove**
[Remove files]

Upload a new assignment:

Assignment name: [_____]
Date: [mm/dd/yyyy] ▲▼ ▼
Select Year [1 ▼]
Select an assignment to upload [Choose File] No file chosen

[Submit]

Username **Last Modified**
101080043 February 28, 2013

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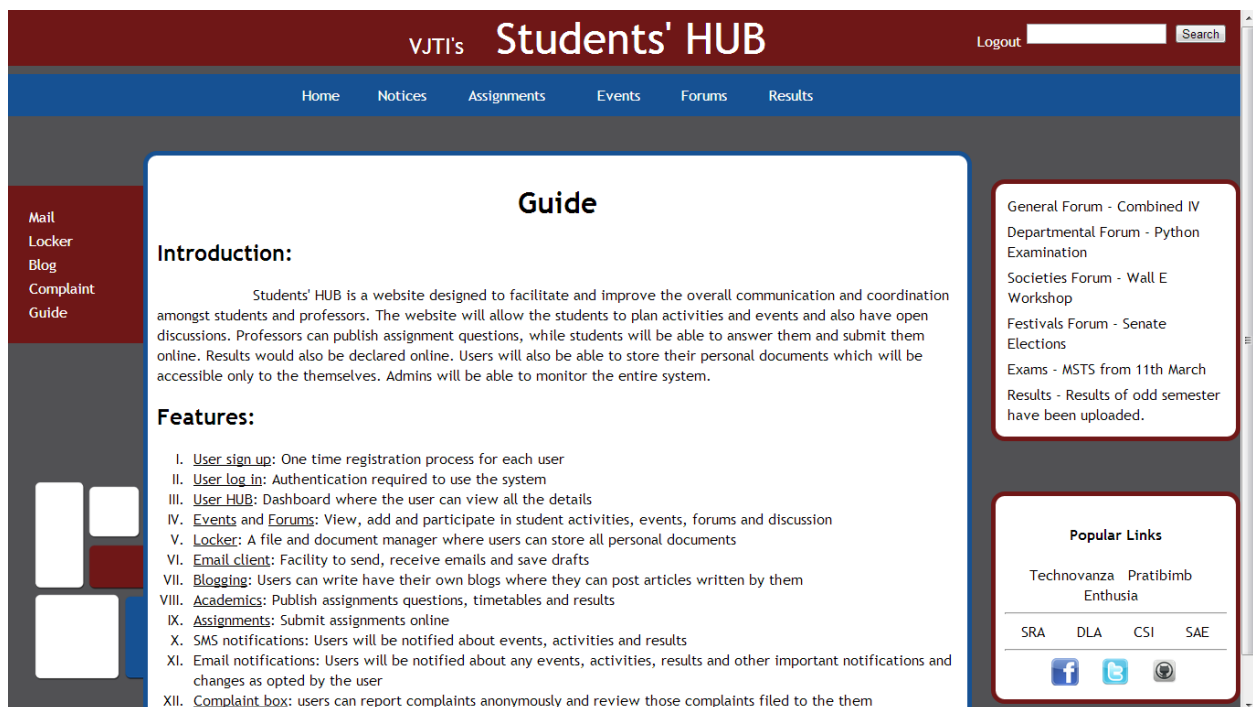Technovanza   Pratibimb   Enthusia
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Events

Event	Date	Description	Created by
Python Workshop	2013-02-22	Python workshop by IIT-B	101080046
Android Application Development	2013-03-02	Aakash tablet application development initiative.	101080043

Event name: [_____]
Date: [mm/dd/yyyy] ▲▼ ▼
Description: [_____]
Privacy Options: Whom do you want the post to be visible to?
Only your class ⦿
Only your year ○
Only your department ○
Anyone in your year or department ○
Any registered user ○
[Create Event]

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Events

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Home   Notices   Assignments   Events   Forums   Results

Mail
Locker
Blog
Complaint
Guide

Forums

Departments

#	Topic	Views	Replies	Date/Time
1	Python Examination	0	0	28/02/13

Create New Topic

Festivals

#	Topic	Views	Replies	Date/Time
1	Senate Elections	0	0	28/02/13

Create New Topic

Societies

#	Topic	Views	Replies	Date/Time
1	Wall E Workshop	0	0	28/02/13

Create New Topic

General

#	Topic	Views	Replies	Date/Time
1	Combined IV	2	0	28/02/13

General Forum - Combined IV
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Home   Notices   Assignments   Events   Forums   Results

Mail
Locker
Blog
Complaint
Guide

Forums

Back to Discussion

Python Examination

Python Examination is going to be held on 15th March in DEP 2

By : Deep Shah **Email :** deepshah@live.com

Date : 28/02/13

Answer : [   ]

[Submit] [Reset]

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Forums - Topic

Locker

Select a file to upload

[Choose File] No file chosen   [Upload]

Filename	Filetpye	Last Modified	Remove
1	txt	February 18, 2013	☐
AndroidWorkshopSchedule Final	pdf	February 28, 2013	☐
argument3	txt	February 24, 2013	☐
essay_section_1_question_2	txt	February 26, 2013	☐
issue	txt	February 18, 2013	☐

[Remove files]

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Blog
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Results

Course Code	Grade
IT301	9
IT302	10
IT303	8

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Locker
Blog
Complaint
Guide

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Home | Notices | Assignments | Events | Forums | Results

Mail
Locker
Blog
Complaint
Guide

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New	Edit
Second	Edit
Third	Edit

Compose Blog

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Logout | Search

Home | Notices | Assignments | Events | Forums | Results

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Locker
Blog
Complaint
Guide

New

New

Comments:

Nice post!
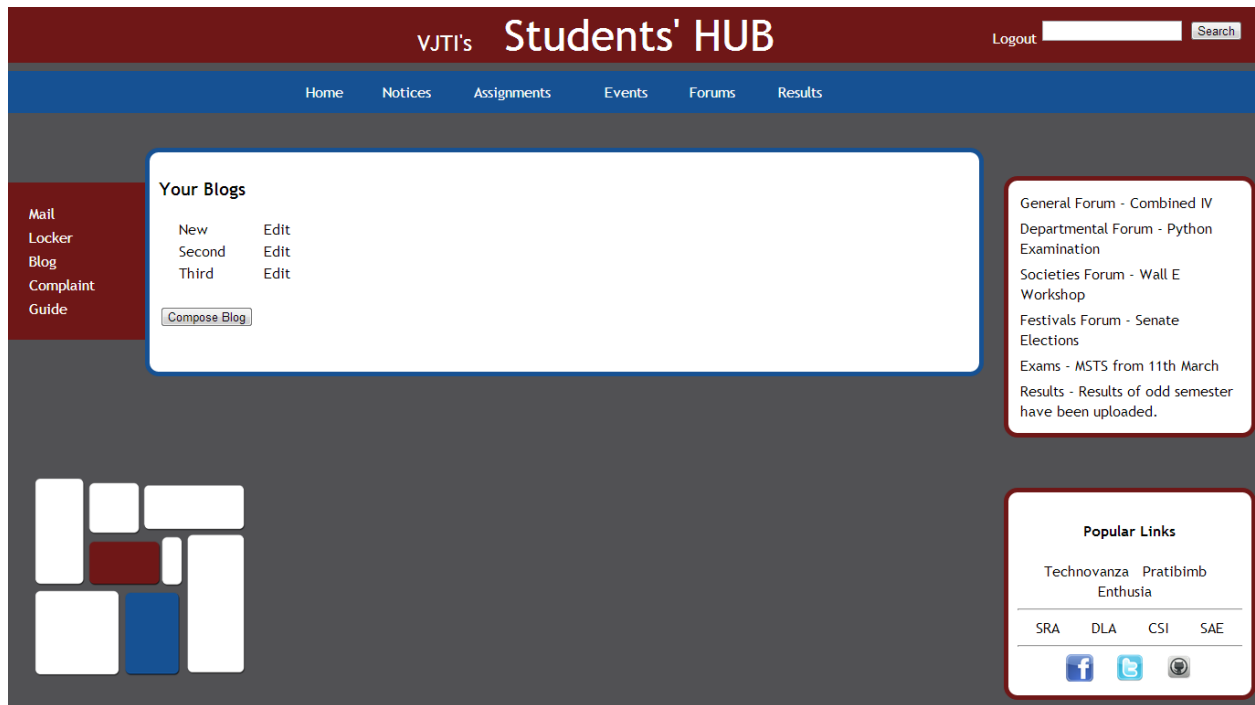*By Deep Shah at 09:59 AM on 28 Feb, 13*

Comment

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Societies Forum - Wall E Workshop
Festivals Forum - Senate Elections
Exams - MSTS from 11th March
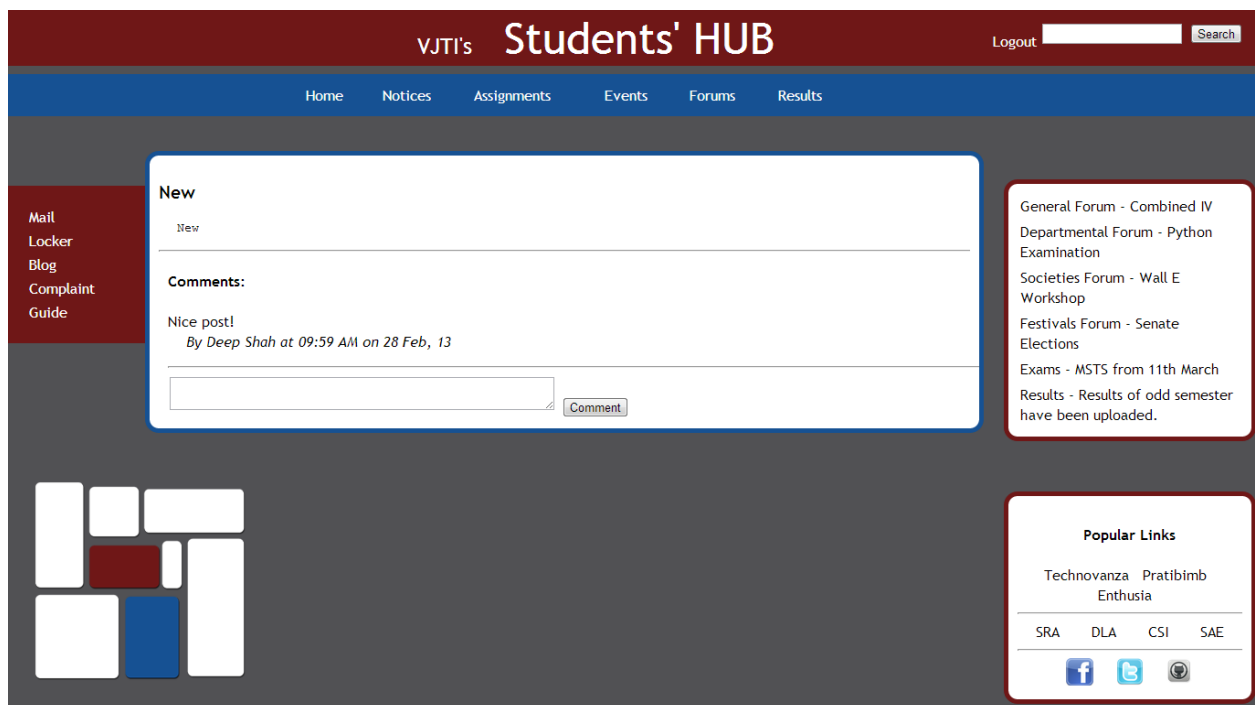Results - Results of odd semester have been uploaded.

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Modification to User details

Name	Deep Shah
E-mail	deepshah@live.com
Password	
Confirm Password	
Mobile No	9967937424
College ID No.	101080043
Type of user	Student ▼
Year	1st Year ▼
Department	Information Technology ▼

[Change]

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Home   Notices   Assignments   Events   Forums   Results

Mail
Locker
Blog
Complaint
Guide

Complaint Box

Subject: [   ]

Description: [   ]

[Send]

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